

From: ["Crossland, Roy" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP \(FYDIBOHF23SPDLT\)/CN=RECIPIENTS/CN=85DD52D1711A4D47B14B219EFDABF6A1-CROSSLAND.ROY>](mailto:Crossland.Roy@EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=85DD52D1711A4D47B14B219EFDABF6A1-CROSSLAND.ROY)  
To: [France-Isetts](#)  
[Pauletta](#)  
CC:  
Date: 1/3/2014 6:17:03 AM  
Subject: FW: Missouri Electric Works 5-Year Sampling  
Attachments: [Cost Estimate - MEW 5 Year Sampling.xlsx](#)

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Pauletta, attached is the return cost estimate from Seagull. Please review especially the assumptions to make sure everyone is on the same sheet, Seagull is at \$29k and you were at \$45K, let me know if it's a go or no go.

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**From:** hqv@seagullenvirotech.com [mailto:hqv@seagullenvirotech.com]  
**Sent:** Thursday, January 02, 2014 2:42 PM  
**To:** LaMaster, Anthony; Crossland, Roy  
**Subject:** Missouri Electric Works 5-Year Sampling

Happy New Year Anthony and Roy,

I thought I sent this cost estimate over to you before New Year, but I didn't...so sorry. We have tried contacting Pauletta France-Isetts for some clarification; but did not get a hold of her due to holidays. We made some assumptions so I think we are covered the questionable issues.

US EPA - REGION VII MINI-SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM (Mini-START) CONTRACT  
CONTRACT #EP-S7-12-04

TO: Anthony LeMaster, CO  
Roy Crossland, PO

FROM: Hieu Q. Vu, PE, MINI-START PM

DATE: 01/02/14

PROJECT: PROJECT NAME: Missouri Electric Work - Five Year Review Sampling

TO #:

COST SUMMARY

LABOR

CLIN	Labor Description	Fixed Rate (\$/Hr)	Unit (Hrs)	Total
0001	Program Manager			\$1,146.00
0002	Subject Matter Expert			\$1,910.00
0003	Senior Environmental Specialist			\$4,268.22
0004	Senior Geologist/Hydrogeologist			\$0.00
0005	Junior Chemist			\$0.00
0006	Junior Industrial Hygienist			\$0.00
0007	Entry Environmental Specialist			\$6,336.00
0008	Entry Engineer			\$0.00
0009	Entry Geologist			\$0.00
0010	Clerical			\$727.20
Sub-Total Labor				\$14,387.42

EQUIPMENT PLUS G&A

0011	Equipment Plus G&A	\$2,488.50
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TRAVEL PLUS G&A

0012	Travel Plus G&A	\$1,656.79
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OTHER DIRECT COSTS PLUS G&A

0013	Other Direct Costs Plus G&A	\$2,875.60
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SUBCONTRACTORS PLUS G&A

0014	Subcontractors Plus G&A	\$8,272.88
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TOTAL TASK ORDER	\$29,681.19
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TOTAL HOURS	240
AVERAGE LABOR \$/HR	\$59.95
AVERAGE LOADED \$/HR	\$123.67

PROJECT NAME: Missouri Electric Work - Five Year Review Sampling  
COST ESTIMATE

LABOR

Clin	Description	Unit	Fixed Rate	Unit (Hr)	Extended	Sub-Total
0001	Program Manager	Hr				\$1,146.00
0002	Subject Matter Expert	Hr				\$1,910.00
0003	Senior Environmental Specialist	Hr				\$4,268.22
0004	Senior Geologist/Hydrogeologist	Hr				\$0.00
0005	Junior Chemist	Hr				\$0.00
0006	Junior Industrial Hygienist	Hr				\$0.00
0007	Entry Environmental Specialist	Hr				\$6,336.00
0008	Entry Engineer	Hr				\$0.00
0009	Entry Geologist	Hr				\$0.00
0010	Clerical	Hr				\$727.20
Sub-Total Labor						\$14,387.42

EQUIPMENT

Description	Unit	Cost	Quantity	Extended	G&A (10.6%)	Sub-Total
Geoprobe	Day					\$1,216.60
Rental Car	Day					\$359.45
GW Sampling Equipment - Low Flow - pump, controller, water quality meter, water level indicator	Project					\$912.45
0011 Sub-Total Equipment						\$2,488.50

TRAVEL

Description	Unit	Cost	Quantity	Extended	G&A (10.6%)	Sub-Total
Meals (Per Diem)	Day					\$661.39
Hotel	Day					\$995.40
Airfare	@					\$0.00
Mileage	Mile					\$0.00
0012 Sub-Total Travel						\$1,656.79

OTHER DIRECT COSTS

Description	Unit	Cost	Quantity	Extended	G&A (10.6%)	Sub-Total
Geoprobe Field Supplies	Project					\$442.40
GW Sampling Supplies - tubing, bladders, grab plates, nitrogen tanks	Project					\$829.50
Fish Collection Equipment/Supplies	Project					\$331.80
Photocopies	Project					\$165.90
Fuel	Day					\$442.40
Shipping	Each					\$663.60
0013 Sub-Total ODCs						\$2,875.60

SUBCONTRACTORS

Description	Unit	Cost	Quantity	Extended	G&A (10.6%)	Sub-Total
Laboratory Analysis - PCBs Soil-GW	Sample					\$7,122.64
Laboratory Analysis - PCBs Fish Tissue	Sample					\$442.40
Laboratory Analysis - Chlorobenzene	Sample					\$442.40
Laboratory Analysis -VOCs	Sample					\$265.44
0014 Sub-Total Subcontractors						\$8,272.88

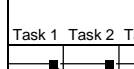
TOTAL TASK ORDER

\$29,681.19

Ave. Labor \$/hr  
Ave. Loaded \$/Hour

\$59.95  
\$123.67

Level of Effort by Task

Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7	Total	LOE Labor Distribution		
							12	5.0%		
							20	8.3%		
							58	24.2%		
							0	0.0%		
							0	0.0%		
							0	0.0%		
							132	55.0%		
							0	0.0%		
							0	0.0%		
							18	7.5%		
							240	100.0%		
							0.0%	0.0%	0.0%	LOE Task Distribution

Tasks

Task 1: Project planning and support; procure equipment and laboratory

Task 2: Prepare QAPP (FSP) & HASP

Task 3: Conduct field sampling; deliver samples to lab

Task 4: Prepare Trip Report including summary tables, figure/maps, and task order completion tasks

Assumptions:

- Two mini-START personnel will conduct sampling, plus one mini-START Geoprobe operator
- Sampling activities will be conducted over 5 days, including travel
- All samples will be submitted to a Seagull-secured laboratory
- All sample numbers are based on information provided by EPA
- Monitoring wells will be sampling following the low-flow protocol previously conducted at the site
- Fish will be collected either through seining or gill nets, dependent on depth of pond